



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION  
**NOTICE OF ACCEPTANCE (NOA)**

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

WinDoor, Incorporated  
7500 Amsterdam drive  
Orlando, Florida, 32832

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION:** Series "7000" Aluminum Sliding Glass Door W/ WO Reinforcements-L. M. Impact

**APPROVAL DOCUMENT:** Drawing No. 08-01663 Rev C, titled "7000 HP Series SGD-LMI", sheets 1 through 14 of 14, prepared by manufacturer, dated 07/03/12 and last revised on 04/17/2013, signed and sealed by Luis R. Lomas, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING:** Large Missile Impact Resistant

**Limitations:**

1. See Design Pressure Vs. Sizes, Reinforcement, Sill adapter in sheet 2.
2. The approved configurations are 4 panels or less. See anchors requirements for two, three or four tracks configurations in sheet 3. See glazing option in sheet 4.

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA consists of this page 1 and evidence pages E-1, as well as approval document mentioned above. The submitted documentation was reviewed by Ishaq I. Chanda, P.E.



NOA No. 12-0820.09  
Expiration Date: June 06, 2018  
Approval Date: June 06, 2013  
Page 1

5/28/14

5/28/13

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections
2. Drawing No. **08-01663 Rev C**, titled "7000 HP Series SGD-LMI", sheets 1 through 14 of 14, prepared by manufacturer, dated 07/03/12 and last revised on 04/17/2013, signed and sealed by Luis R. Lomas, P.E.

**B. TESTS**

1. Test reports on:
  - 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Large Missile Impact Test per FBC, TAS 201-94
  - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
  - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

Along with marked-up drawings and installation diagram of Aluminum Sliding Glass with and without Reinforcements, prepared by National Certified Testing Laboratories Inc, Test Report No. **NCTL-210-3779-1**, dated 05/08/12 signed & sealed by Gerald J, Ferrara, P.E.

**C. CALCULATIONS**

1. Anchor verification calculations complying w/ FBC-2010, dated 07-09-12 and last revised on 12-20-12, prepared, signed and sealed by Luis R. Lomas, P.E.
2. Glazing complies with ASTM E-1300-02 &-04

**D. QUALITY ASSURANCE**

1. Miami Dade Department of Regulatory and Economic Resources (RER).

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **11-0624.01** issued to E.I. DuPont DeNemours & Co., Inc. for the "**DuPont Butacite PVB ®**", expiring on 02/11/16.

**F. STATEMENTS**

1. Statement letter of conformance to FBC 2010 and "No financial interest", dated 07/03/12, prepared, signed and sealed by Luis R. Lomas, P.E.
2. Lab compliance statement, as part of above referenced test report.

**G. OTHER**

1. None



Ishaq I. Chanda, P.E.  
Product Control Examiner  
NOA No 12-0820.09  
Expiration Date: June 06, 2018  
Approval Date: June 06, 2013

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	REVISED APPROVED CONFIGURATIONS	04/17/13	R.L.

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING THE HVHZ.
2. WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL. WHERE 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD. 1X BUCK TO BE PROPERLY SECURED.
4. ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
5. FRAME MATERIAL: EXTRUDED 6063-T6 ALUMINUM.
6. UNITS MUST BE GLAZED AND COMPLY PER ASTM E1300-04, SEE SHEET 4 FOR GLAZING OPTIONS.
7. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
8. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
9. FOR ANCHORING INTO WOOD FRAMING OR (2) 2X BUCK USE #12 WOOD SCREWS (GRADE 5) WITH SUFFICIENT LENGTH TO ACHIEVE A 1 5/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
10. FOR ANCHORING INTO MASONRY/CONCRETE USE 1/4" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
11. ALL FASTENERS TO BE CORROSION RESISTANT.
12. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
  - A. WOOD - MINIMUM SPECIFIC GRAVITY OF G=0.42
  - B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.
  - C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
13. APPROVED CONFIGURATIONS (4 PANELS OR LESS) X, XX, OX, XO, XXX, OXO, XXO, OXX, XXXX, OXXX, XXXO.
14. SGD TO COMPLY WITH FBC EGRESS REQUIREMENTS AS APPLICABLE.

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	GENERAL NOTES
2	ELEVATION
3	ANCHORING LAYOUT AND NOTES
4	BILL OF MATYERIALS AND GLAZING DETAILS
5 - 9	CROSS SECTIONS
10 - 12	INSTALLATION DETAILS
13 - 14	COMPONENTS

Approved as complying with the  
Florida Building Code  
Date June 06, 2013  
NOA# 12-082069  
Miami Dade Product Control  
By Ishag I. Chahed

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7000 HP SERIES LMI REINFORCED  
& NON-REINFORCED  
GENERAL NOTES

DRAWN:  
A.P.

DWG NO.  
08-01663

REV  
C

SCALE NTS

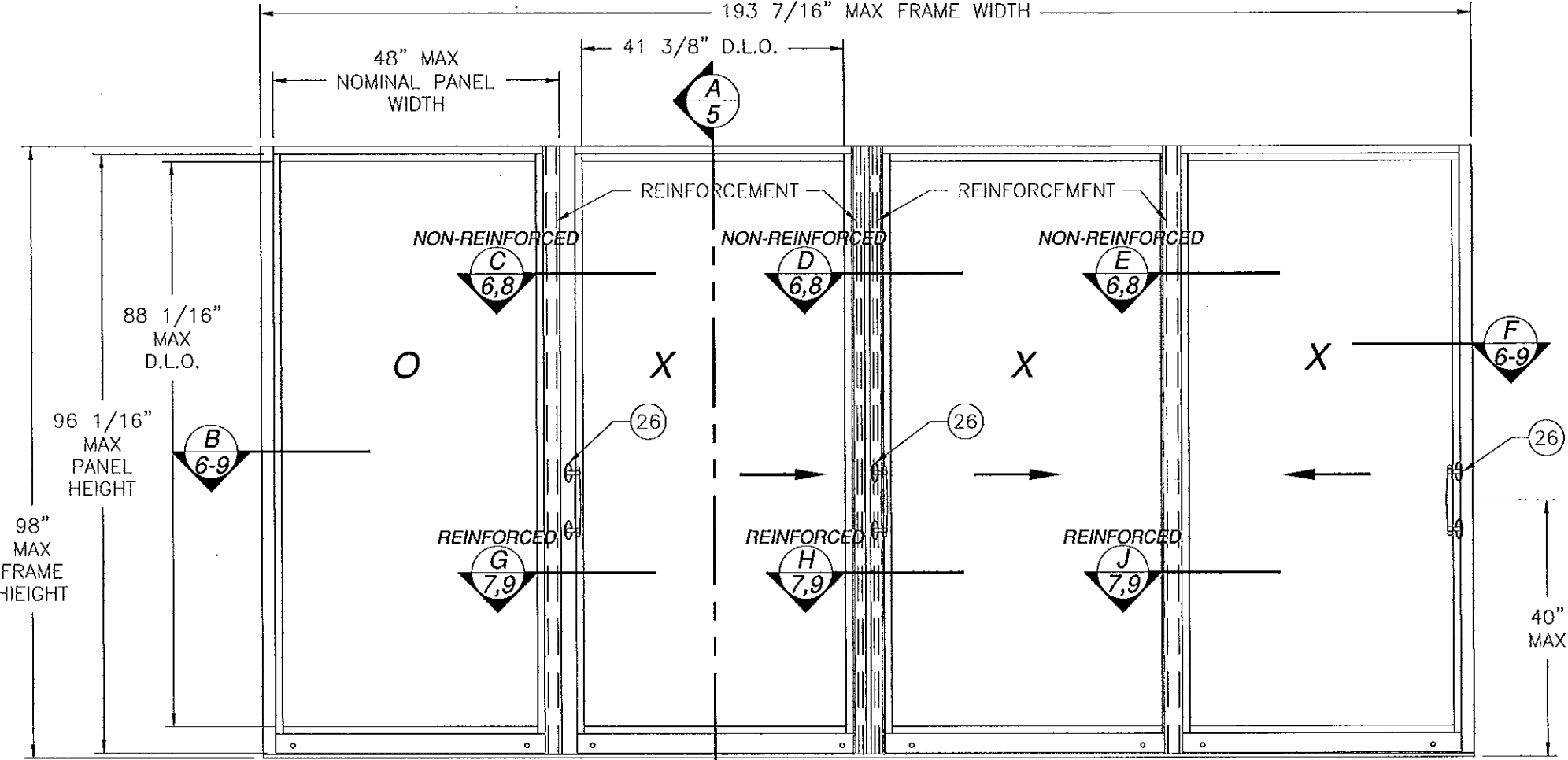
DATE 07/03/2012

SHEET 1 OF 14

SIGNED: 04/17/2013

LUIS R. LOMAS  
No. 62514  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	REVISED APPROVED CONFIGURATIONS	04/17/13	R.L.



PANEL CONSTRUCTION:  
 PANELS ARE CONSTRUCTED FROM EXTRUDED 6063-T6 ALUMINUM. VERTICAL STILES ARE NOTCHED TO RECEIVE HORIZONTAL RAILS. EACH RAIL IS SECURED TO STILES WITH (3) #10 x 1 1/4" SQ. DRIVE SCREW AT EACH END. ALL PANELS HAVE AN INTERIOR FIXED GLAZING STOP AND AN EXTERIOR APPLIED GLAZING STOP.

FRAME CONSTRUCTION:  
 EACH FRAME CORNER IS NOTCHED AND BUTTED. HEAD AND SILL ARE SECURED TO JAMBS WITH #7 x 1" TYPE F SCREW. (2) AT EACH CORNER ON 2 TRACK FRAME, (3) AT EACH CORNER ON 3 TRACK FRAME AND (4) AT EACH CORNER ON 4 TRACK FRAME.

**SERIES 7000HP SGD NON-REINFORCED**  
 W/SILL RISERS ITEM S: 3, 4, 5, 52, 53, 54, 63 & 64  
**Maximum design pressure capacity chart (psf)**

Frame Height (in)	Frame Panel Width (in)									
	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	90.0
84.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	86.3
96.0	60.0	90.0	60.0	90.0	60.0	88.5	60.0	78.9	60.0	71.9
98.0	60.0	90.0	60.0	90.0	60.0	86.3	60.0	76.9	60.0	70.0

**SERIES 7000HP SGD REINFORCED**  
 W/SILL RISERS ITEM S: 4, 5, 53, 54, 63 & 64  
**Maximum design pressure capacity chart (psf)**

Frame Height (in)	Frame Panel Width (in)									
	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
84.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
96.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
98.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0

**7000 HP SERIES ALUMINUM REINFORCED AND NON-REINFORCED SLIDING GLASS DOOR**  
 EXTERIOR VIEW

**REINFORCED UNITS**  
 W/ SILL RISER ITEMS: 4, 5, 53, 54, 63 & 64

DESIGN PRESSURE RATING	IMPACT RATING
+80.0/-90.0 PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ  
 SEE CHART BELOW FOR SMALLER UNITS RATINGS

**NON-REINFORCED UNITS**  
 W/ SILL RISER ITEMS: 3, 4, 5, 52, 53, 54, 63 & 64

DESIGN PRESSURE RATING	IMPACT RATING
+60.0/-70.0 PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ  
 SEE CHART BELOW FOR SMALLER UNITS RATINGS

SIGNED: 04/17/2013

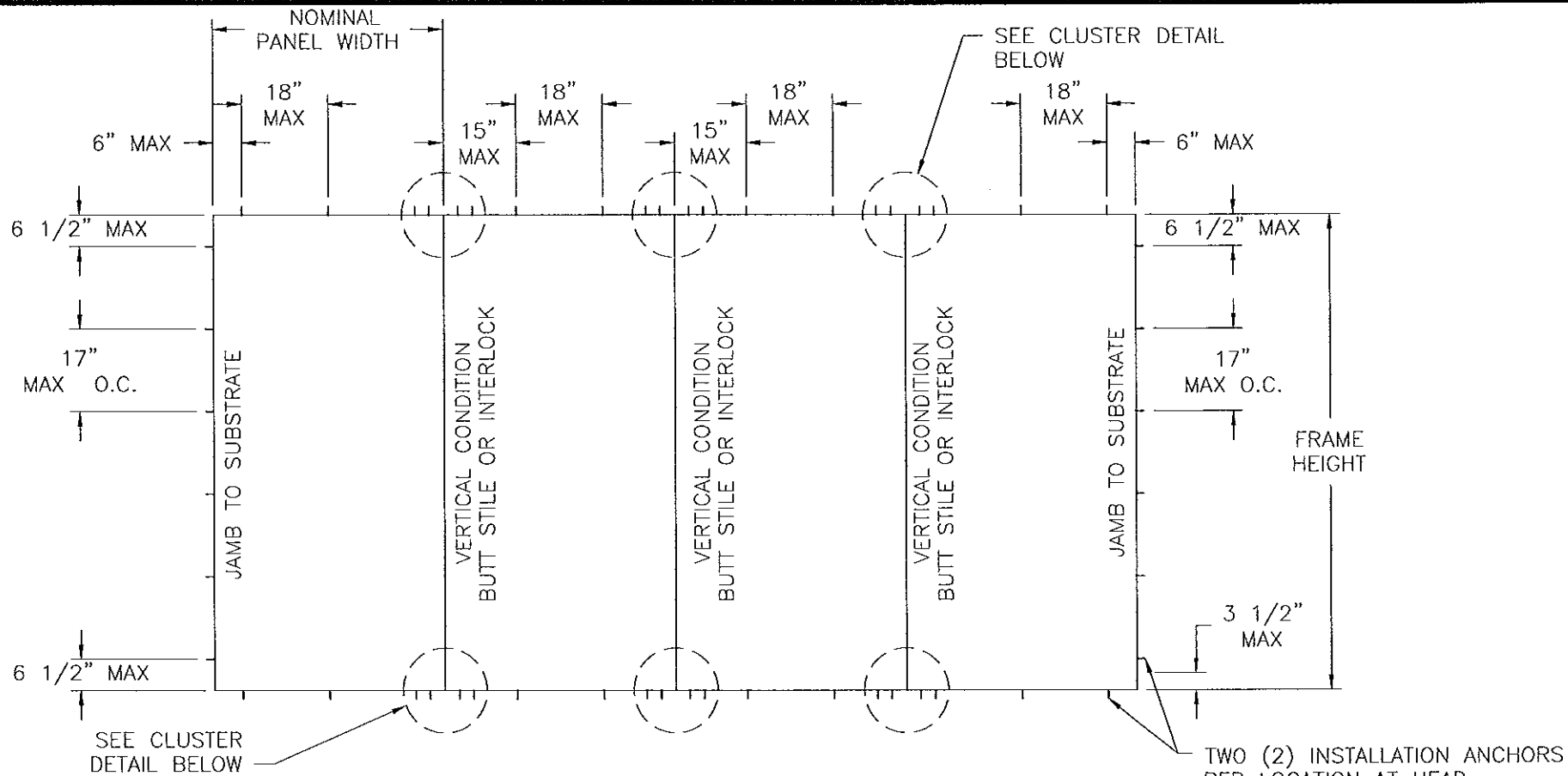
FORMULAS FOR PANEL & D.L.O.:  
 PANEL HEIGHT = FRAME HEIGHT - 1 15/16"  
 D.L.O. HEIGHT = PANEL HEIGHT - 8"  
 D.L.O. WIDTH = PANEL WIDTH - 7 1/4"

Approved as complying with the Florida Building Code  
 Date: 6/6/13  
 NOAH 12-0828-03  
 Miami Dade Product Control  
 By: [Signature]

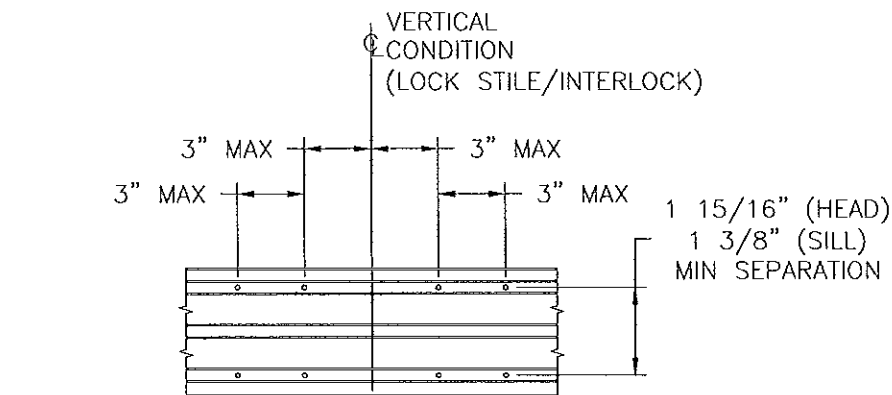
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7000 HP SERIES LMI REINFORCED & NON-REINFORCED ELEVATION

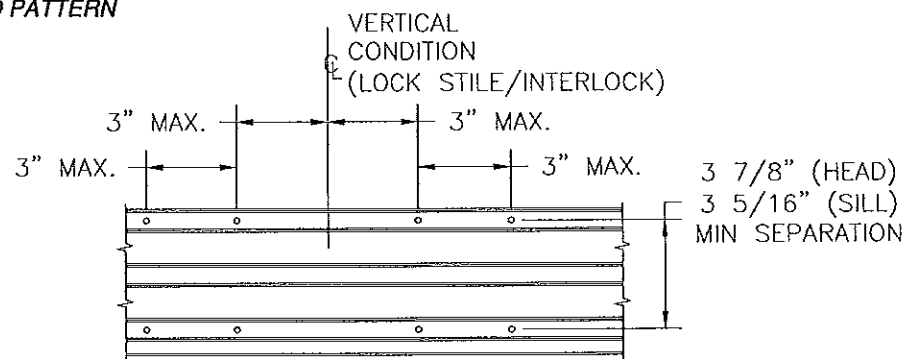
DRAWN: A.P.	DWG NO. 08-01663	REV C
SCALE NTS	DATE 07/03/2012	SHEET 2 OF 14



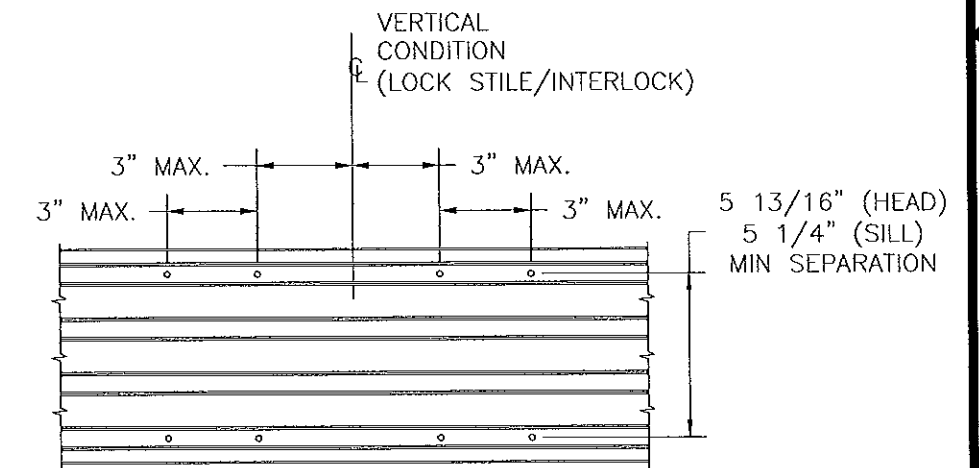
**ANCHORING LAYOUT NON-REINFORCED AND REINFORCED UNITS**  
4 PANELS UNIT SHOWN, APPLICABLE TO ALL 4 PANELS OR LESS  
CONFIGURATIONS USING SAME ANCHOR CLUSTER AND PATTERN



**ANCHOR CLUSTER DETAIL (HEAD / SILL)**  
2 TRACK  
REINFORCED AND NON-REINFORCED  
AT HEAD & SILL (ANCHORAGE IN EXTERIOR TRACKS)

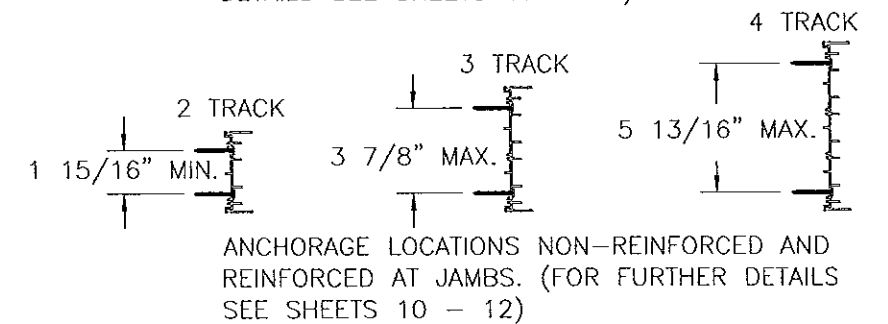
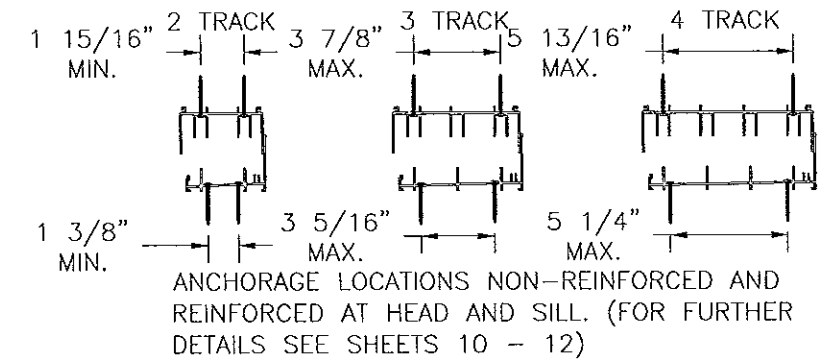


**EXTERIOR**  
**CLUSTER DETAIL (HEAD / SILL)**  
3-TRACK SYSTEM



**EXTERIOR**  
**CLUSTER DETAIL (HEAD / SILL)**  
4-TRACK SYSTEM

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	REVISED APPROVED CONFIGURATIONS	04/17/13	R.L.



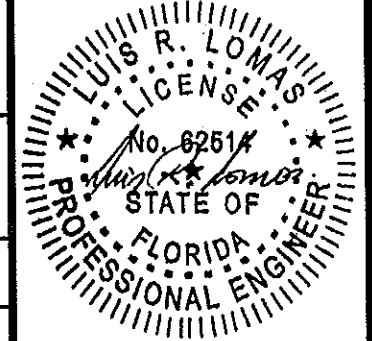
Approved as complying with the  
Florida Building Code  
Date 6/6/13  
NOA# 12-0820-05  
Miami Dade Product Control  
By Isaac L. Llanos

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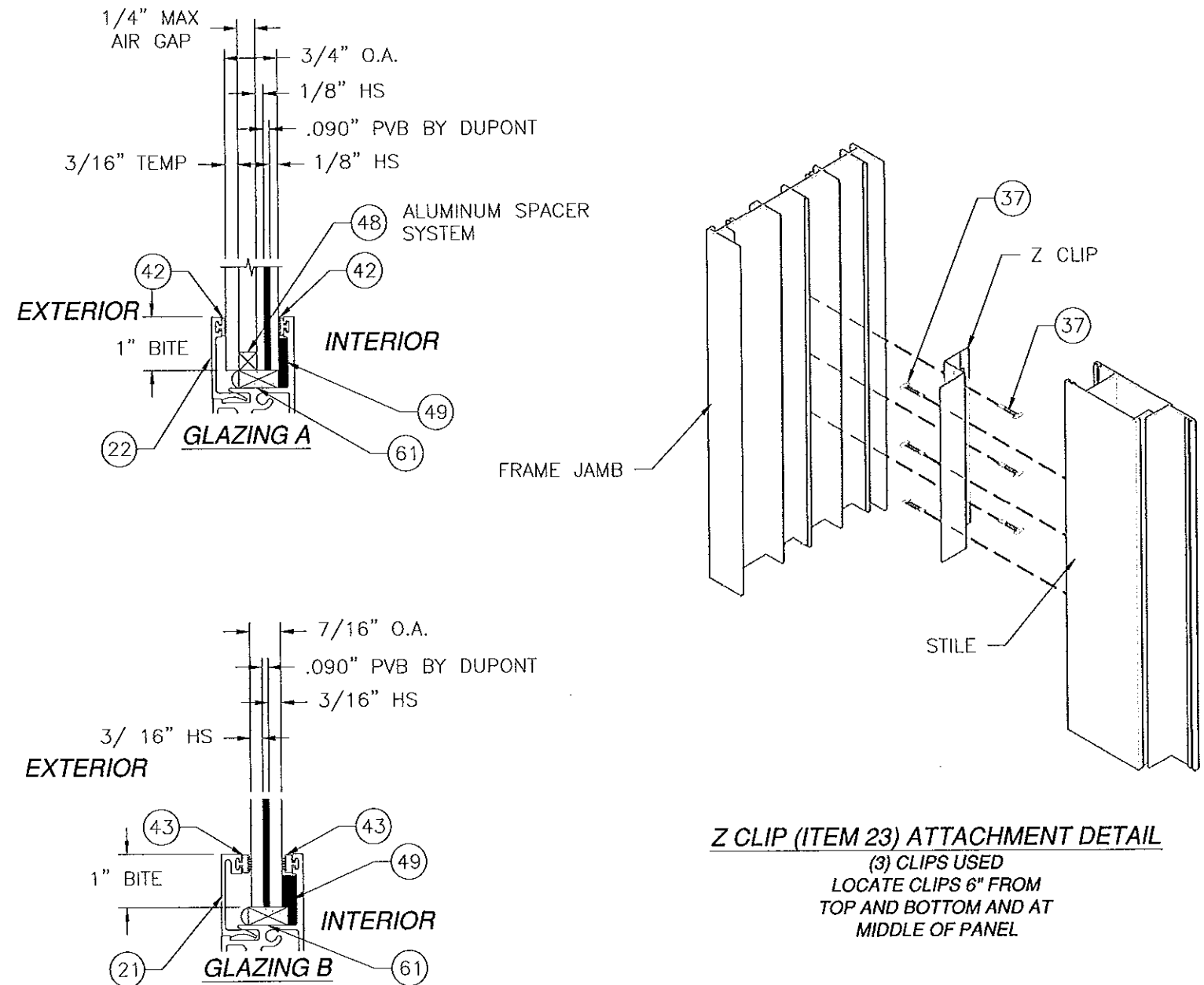
7000 HP SERIES LMI REINFORCED  
& NON-REINFORCED  
ANCHORING LAYOUT AND NOTES

DRAWN: A.P.	DWG NO. 08-01663	REV C
SCALE NTS	DATE 07/03/2012	SHEET 3 OF 14



SIGNED: 04/17/2013

BILL OF MATERIAL			
NO.	PART NO.	DESCRIPTION	
1	FS-04522	2T FRAME HEAD	KEYMARK 6063-T6
2	FS-04531	2T FRAME JAMB	KEYMARK 6063-T6
3	FS-04525	2T FRAME SILL PAN WITH 2 1/2" RISER	KEYMARK 6063-T6
4	FS-04526	2T FRAME SILL PAN WITH 3 1/8" RISER	KEYMARK 6063-T6
5	S-46254	2T FRAME SILL PAN WITH 4 1/4" RISER	KEYMARK 6063-T6
6	FS-04529	2T FRAME SILL PAN INSERT	KEYMARK 6063-T6
7	FS-04313	FRAME HEAD TRACK COVER	KEYMARK 6063-T6
8	FS-04501	RECESSED JAMB TRACK COVER	KEYMARK 6063-T6
9	FS-04509	FLUSH JAMB COVER	KEYMARK 6063-T6
10	FS-04535	PANEL STOP SILL COVER	KEYMARK 6063-T6
11	FS-04332	PANEL STOP HEAD COVER	KEYMARK 6063-T6
12	FS-04631	TOP AND BOTTOM RAIL	KEYMARK 6063-T6
13	FH-04327	PANEL STILE	KEYMARK 6063-T6
14	FH-04516	PANEL INTERLOCK LEFT HAND STILE	KEYMARK 6063-T6
15	FH-04515	PANEL INTERLOCK RIGHT HAND STILE	KEYMARK 6063-T6
16	FH-04789	MALE BUTT STILE	KEYMARK 6063-T6
17	FH-04790	LOCKING BUTT STILE	KEYMARK 6063-T6
18	FH-04505	INTERIOR FIXED BUTT STILE OFFSET	KEYMARK 6063-T6
19	FH-04312	INTERLOCK COVER	KEYMARK 6063-T6
20	FH-04503	INTERLOCK REINFORCING BAR	KEYMARK 6005-T5
21	FS-04533	9/16" GLASS STOP	KEYMARK 6063-T6
22	FS-04524	3/4" GLASS STOP	KEYMARK 6063-T6
23	FS-05391	Z-CLIP	KEYMARK 6063-T6
24	5000 SS PDR	TANDEM ROLLER SS	
25	2186MI-INT	TRADITIONAL INTERNAL TYPE A HANDLE SET	
26	7014 SS DLPA	DUAL POINT MORTISE LOCK & KEEPER SET	
27	OW1023BOR75037	RUBBER PANEL BUMPER	
28	V-INT TP 876	INTERLOCK BUMPER	
29	PRE-PACK B	TANDEM ROLLER ADJUSTMENT HOLE COVER	
30	DRG#05-100 V2	PANEL TOP GUIDE	
31	FS-05365	BUTT SCREEN ADAPTER COVER	KEYMARK 6063-T6
32		SCREEN CLOTH	
33	#8 X 1/4"	SILL ASSY. SCREW PH TYPE B 18-8 SS	
34	#8 X 3/4"	ROLLER INSTALL. SCREWS PH TYPE F SS 410	
35	#10 X 1 1/4"	PANEL ASSEMBLY SCREW SQ. DRIVE PPOINT SS 18-8	
36	#8 X 5/8"	FRAME ASSEMBLY SCREW PH TYPE A 410-SS	
37	#10 X 3/4"	Z CLIP & REINFORCEMENT INSTALLATION SCREW PH TEK SCREW	
38		SCREEN SPLINE	
39	#10 X 1/2"	LOCK INSTALLATION SCREW FH TYPE A SMS SS 18-8	
40		1 1/4" X 2 1/4" X 1" FIN PAD	
41		1" X 1" X 3/4" FIN PAD	
42	GS-VN-05A	TP 1060 GLAZING VINYL, 3/4" GLASS	
43	GS-VN-07A	TP 1048 GLAZING VINYL, 7/16" GLASS	
44	T5044AMK	0.187" X 0.500" X 1.375" ULTRA PLUG SINGLE FIN SPECIAL	
45	W332217K0000	0.187" X 0.220" FIN WEATHER STRIP	
46	W234017K0000	0.187" X 0.400" FIN WEATHER STRIP	
47	W333517K0000	0.187" X 0.350" FIN WEATHER STRIP	
48		GLASS SPACER 1/4" THICK	HELIMA 3000
49	SIKA 552	URETHANE SEALANT	SIKA
50	FS-04511	3T FRAME HEAD	KEYMARK 6063-T6
51	FS-04510	3T FRAME JAMB	KEYMARK 6063-T6
52	FS-04506	3T FRAME SILL PAN WITH 2 1/2" RISER	KEYMARK 6063-T6
53	FS-04507	3T FRAME SILL PAN WITH 3 1/8" RISER	KEYMARK 6063-T6
54	S-46255	3T FRAME SILL PAN WITH 4 1/4" RISER	KEYMARK 6063-T6
55	FS-04508	3T FRAME SILL PAN INSERT	KEYMARK 6063-T6
56	FS-05364	BUTT SCREEN ADAPTER	KEYMARK 6063-T6
57	FH-02300	STANDARD SCREEN TOP & BOTTOM RAIL	KEYMARK 6063-T6
58	FH-02395	STANDARD SCREEN STILE	KEYMARK 6063-T6
59	FS-02650	OXO STANDARD SCREEN ASTRAGAL	KEYMARK 6063-T6
60	FS-04329	SCREEN WIPER	KEYMARK 6063-T6
61		SETTING BLOCK	MIN 70 DUROMETER
62	FS-04523	4T FRAME HEAD	KEYMARK 6063-T6
63	FS-04527	4T FRAME SILL PAN WITH 2 1/2" RISER	KEYMARK 6063-T6
64	FS-04528	4T FRAME SILL PAN WITH 3 1/8" RISER	KEYMARK 6063-T6
65	FS-04530	4T SILL INSERT	KEYMARK 6063-T6
66	FS-04532	4T FRAME JAMB	KEYMARK 6063-T6



**Z CLIP (ITEM 23) ATTACHMENT DETAIL**  
 (3) CLIPS USED  
 LOCATE CLIPS 6" FROM  
 TOP AND BOTTOM AND AT  
 MIDDLE OF PANEL

SIGNED: 04/17/2013

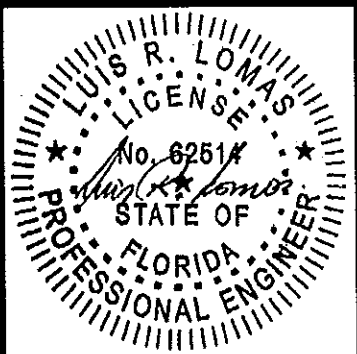
Approved as complying with the  
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 Date 6/6/13  
 NOAH 12-0828-09  
 Miami Date Product Control  
 By Isaac I. Lland

**WinDoor**  
 INCORPORATED

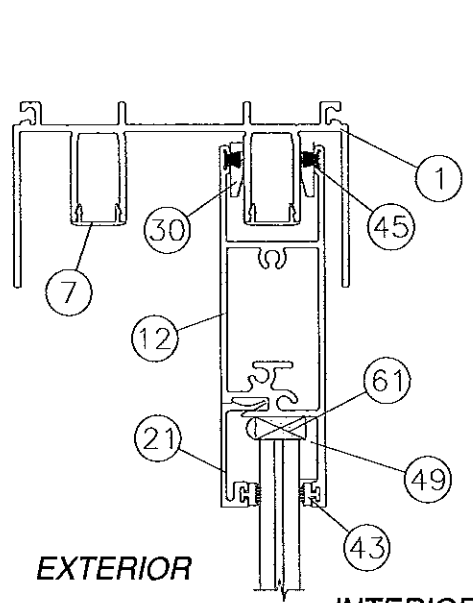
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7000 HP SERIES LMI REINFORCED  
 & NON-REINFORCED  
 BILL OF MATERIALS AND GLAZING DETAILS

DRAWN: A.P.	DWG NO. 08-01663	REV C
SCALE NTS	DATE 07/03/2012	SHEET 4 OF 14



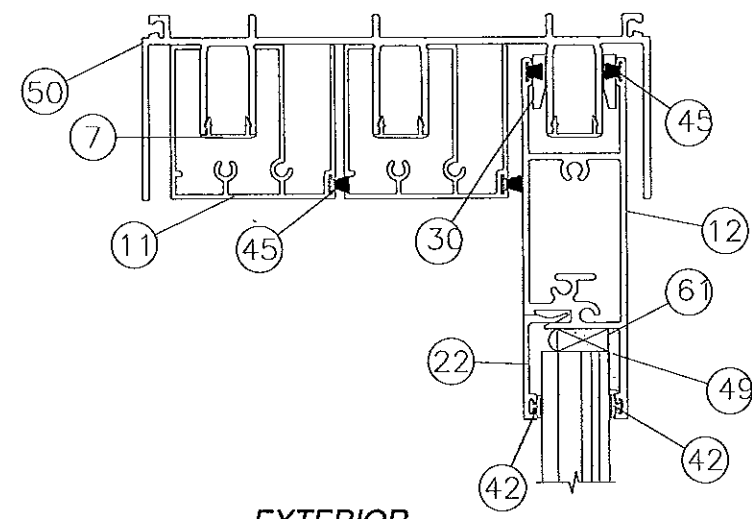
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	REVISED APPROVED CONFIGURATIONS	04/17/13	R.L.



EXTERIOR

INTERIOR

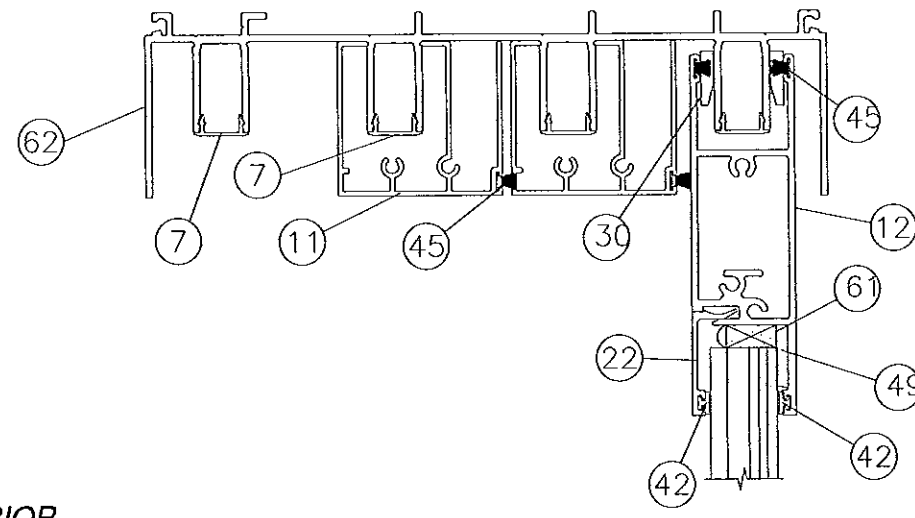
**A**  
**5** VERTICAL CROSS SECTION  
2 TRACK FRAME



EXTERIOR

INTERIOR

**A**  
**5** VERTICAL CROSS SECTION  
3 TRACK FRAME  
UNITS MAY BE INSTALLED WITHOUT SCREEN



**A**  
**5** VERTICAL CROSS SECTION  
4 TRACK FRAME  
UNITS MAY BE INSTALLED WITHOUT SCREEN

FOR ILLUSTRATION ONLY  
FOR INSTALLATION SEE DETAILS  
IN SHEETS 10 THROUGH 12

Approved as complying with the  
Florida Building Code  
Date 6/6/13  
NOAH 17-2820-05  
Miami Dade Product Control  
By Ishag I. Gauda

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INCORPORATED

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7000 HP SERIES LMI REINFORCED  
& NON-REINFORCED  
CROSS SECTIONS

DRAWN: A.P.

DWG NO. 08-01663

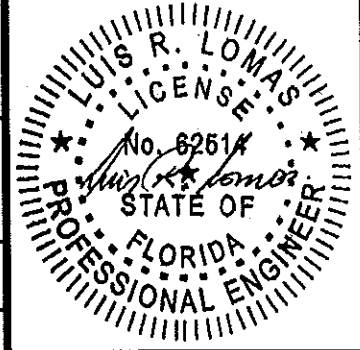
REV C

SCALE NTS

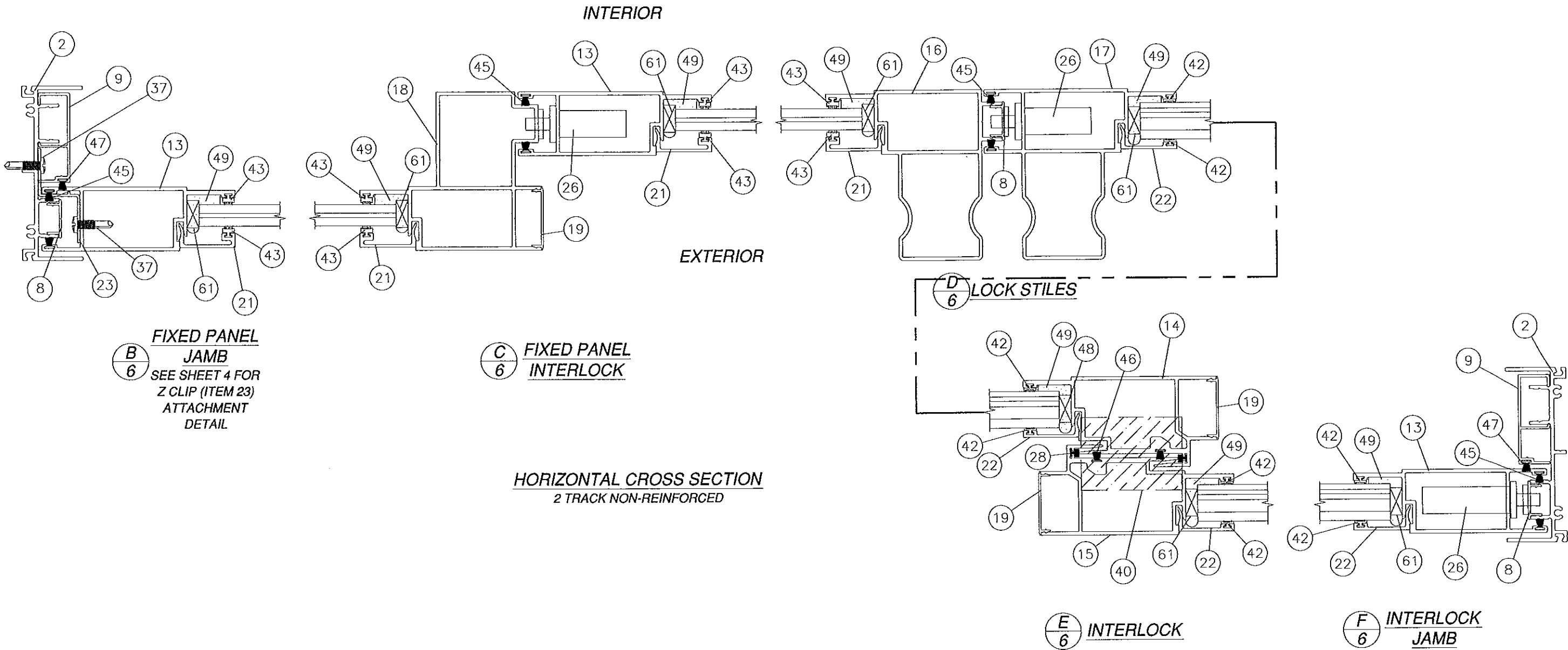
DATE 07/03/2012

SHEET 5 OF 14

SIGNED: 04/17/2013



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	REVISED APPROVED CONFIGURATIONS	04/17/13	R.L.



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FOR INSTALLATION SEE DETAILS  
IN SHEETS 10 THROUGH 12

Approved as complying with the  
Florida Building Code  
Date 6/6/13  
By 12-08220-05  
Miami Dade Product Control

By Isaac L. Chan

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INCORPORATED

7500 AMSTERDAM DRIVE  
ORLANDO, FL 32832  
Phone: 407.481.8400  
Fax: 407.481.0505  
www.windoorinc.com

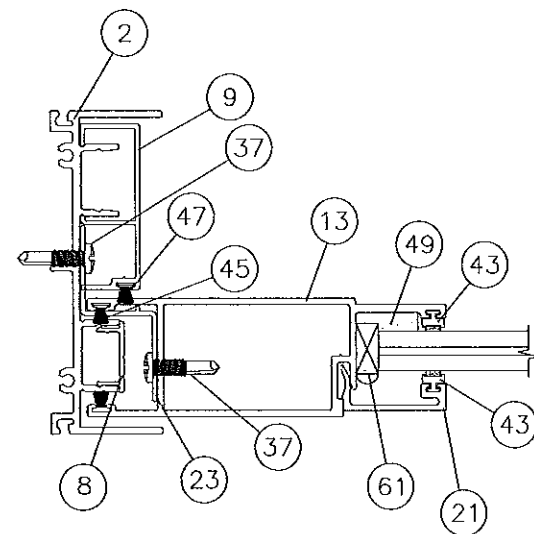
7000 HP SERIES LMI REINFORCED  
& NON-REINFORCED  
CROSS SECTIONS

DRAWN: A.P.	DWG NO. 08-01663	REV C
SCALE NTS	DATE 07/03/2012	SHEET 6 OF 14

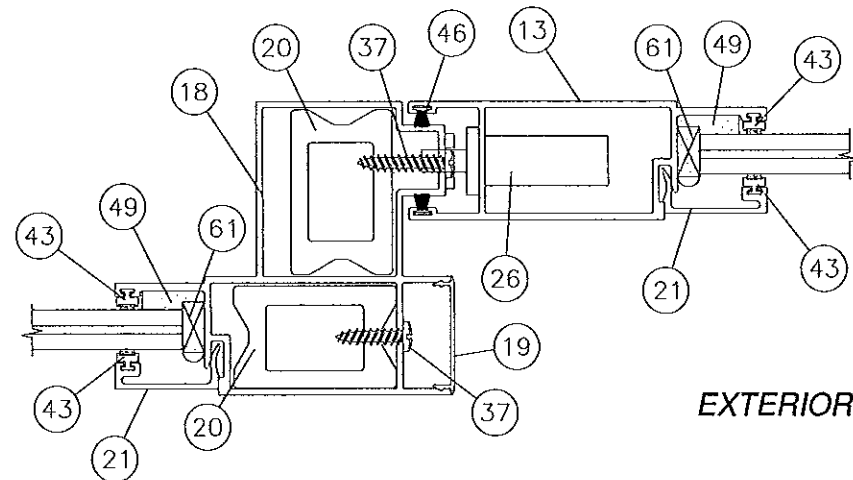
SIGNED: 04/17/2013

LUIS R. LOMAS  
No. 62514  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER

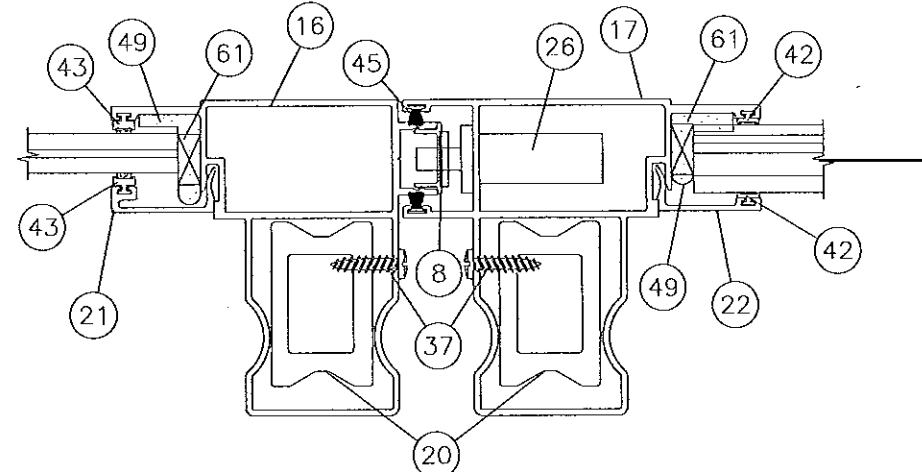
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	REVISED APPROVED CONFIGURATIONS	04/17/13	R.L.



**B**  
7 **FIXED PANEL JAMB**  
SEE SHEET 4 FOR  
Z CLIP (ITEM 23)  
ATTACHMENT  
DETAIL

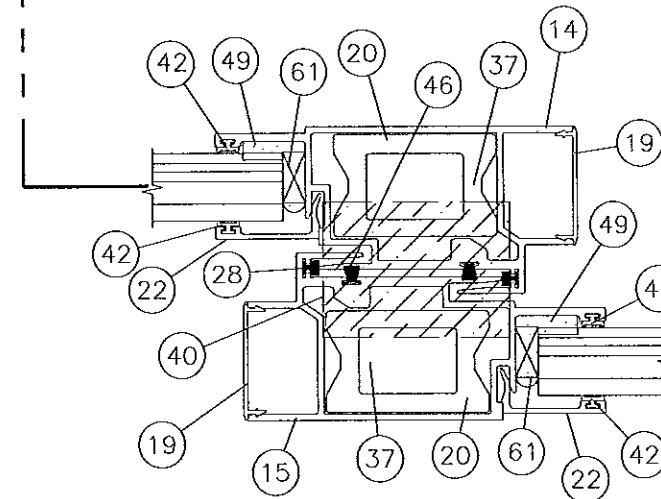


**G**  
7 **FIXED PANEL INTERLOCK**

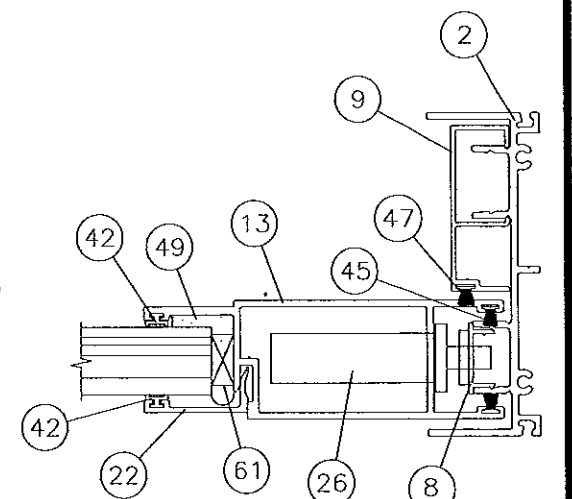


**H**  
7 **LOCK STILES**

**HORIZONTAL CROSS SECTION**  
2 TRACK REINFORCED



**J**  
7 **INTERLOCK**



**F**  
7 **INTERLOCK JAMB**

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IN SHEETS 10 THROUGH 12

Approved as complying with the  
Florida Building Code  
Date 6/6/13  
NOA# 12-2879-09  
Miami Code Product Control  
By L. L. L. L.

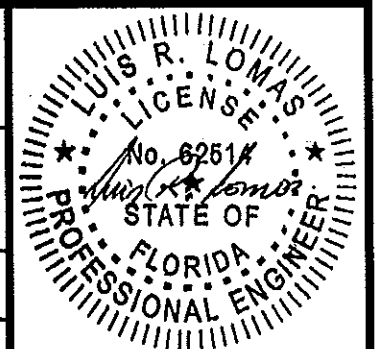
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ORLANDO, FL 32832  
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Fax: 407.481.0505  
www.windoorinc.com

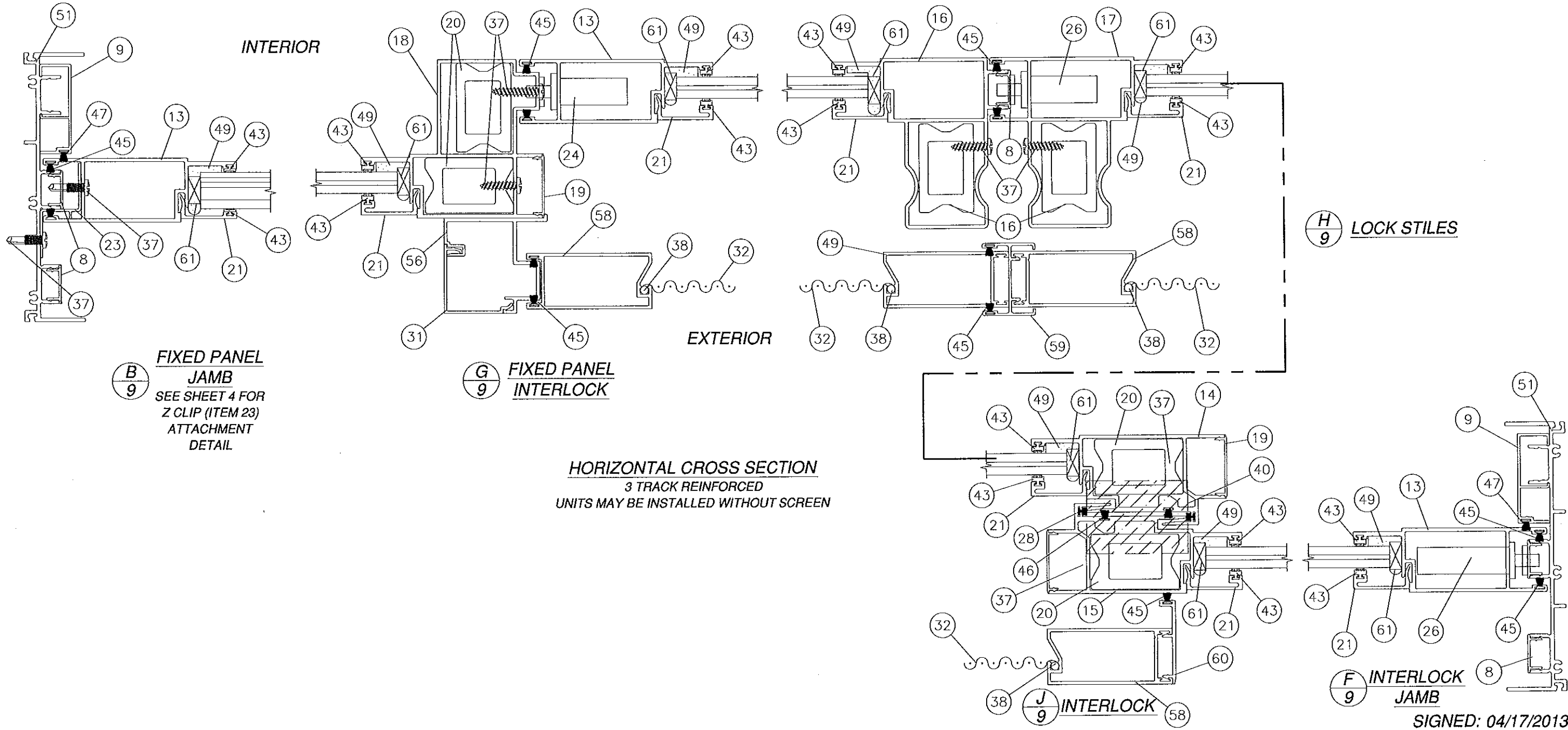
7000 HP SERIES LMI REINFORCED  
& NON-REINFORCED  
CROSS SECTIONS

DRAWN: A.P.	DWG NO. 08-01663	REV C
SCALE NTS	DATE 07/03/2012	SHEET 7 OF 14

SIGNED: 04/17/2013



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REV	DESCRIPTION	DATE	APPROVED
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IN SHEETS 10 THROUGH 12

Approved as complying with the  
Florida Building Code  
Date 6/6/13  
By Michael L. Chan  
Miami Dade Product Control

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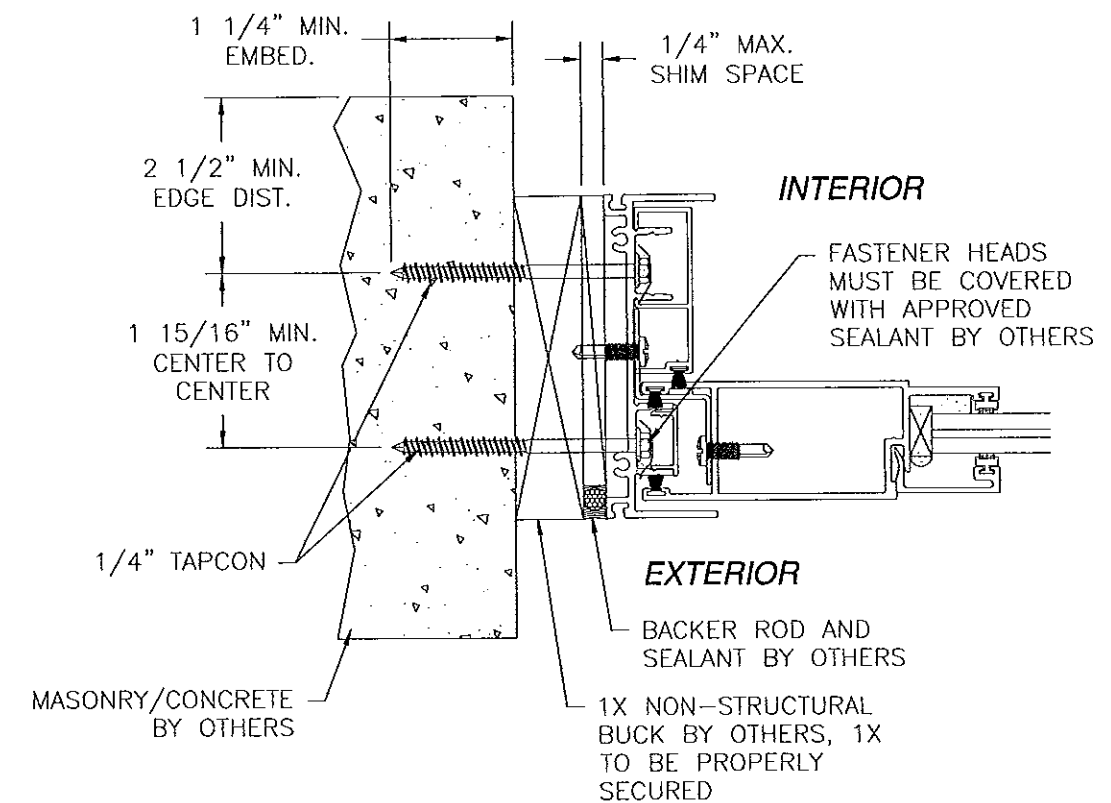
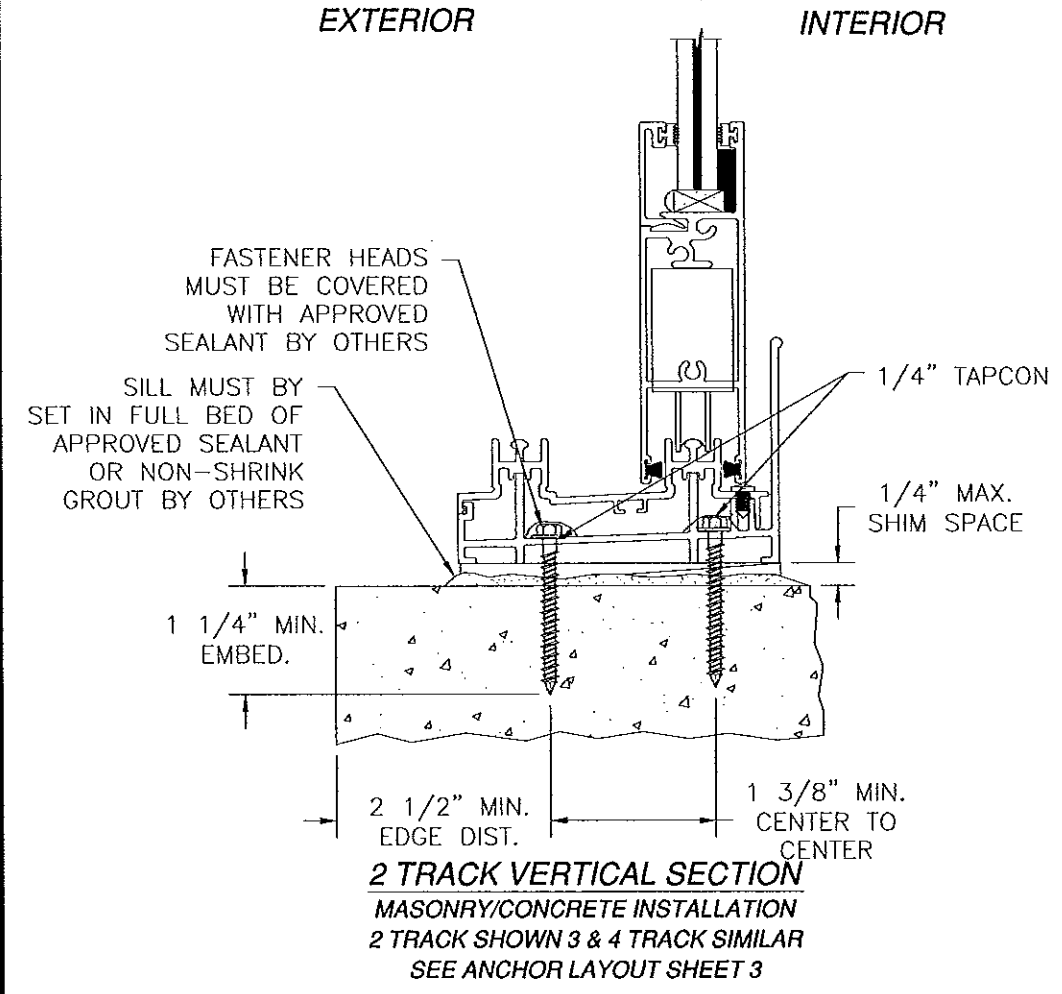
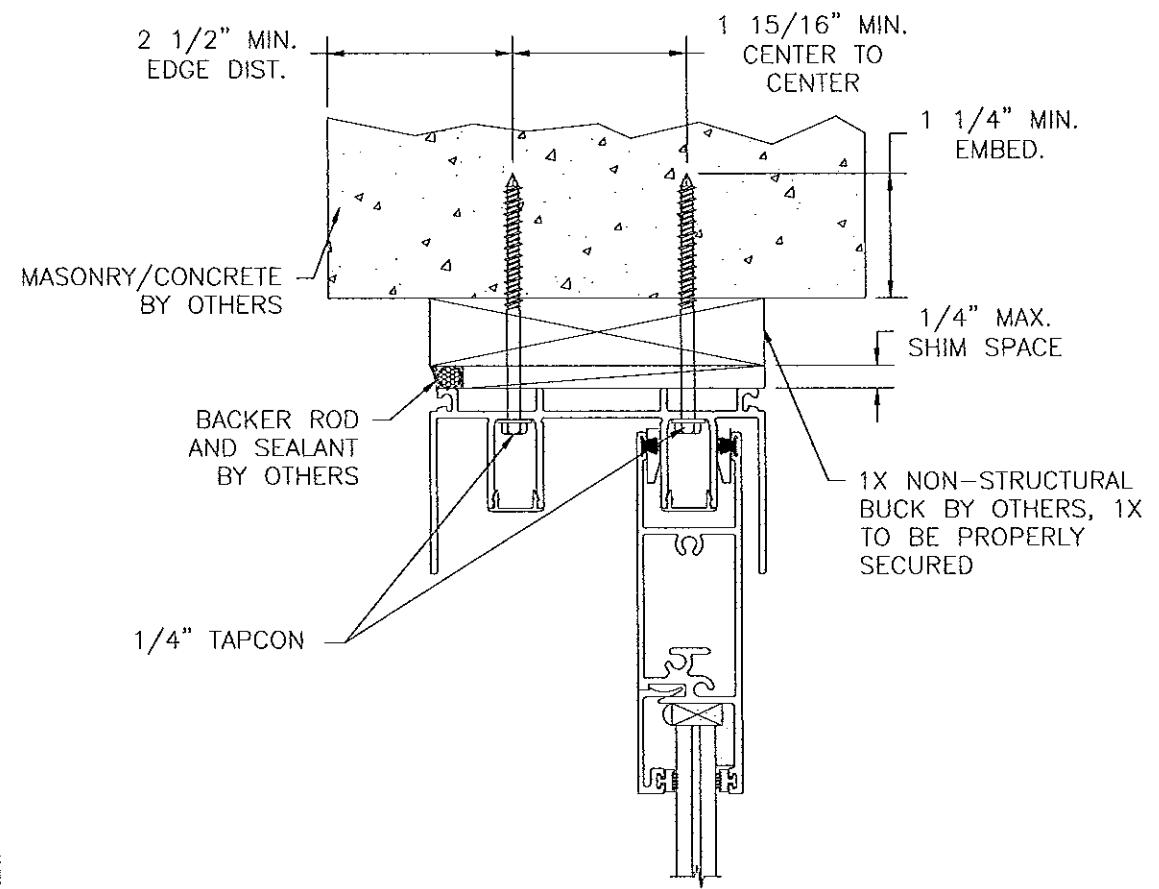
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DRAWN: A.P.	DWG NO. 08-01663	REV C
SCALE NTS	DATE 07/03/2012	SHEET 9 OF 14

LUIS R. LOMAS  
No. 62514  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	REVISED APPROVED CONFIGURATIONS	04/17/13	R.L.



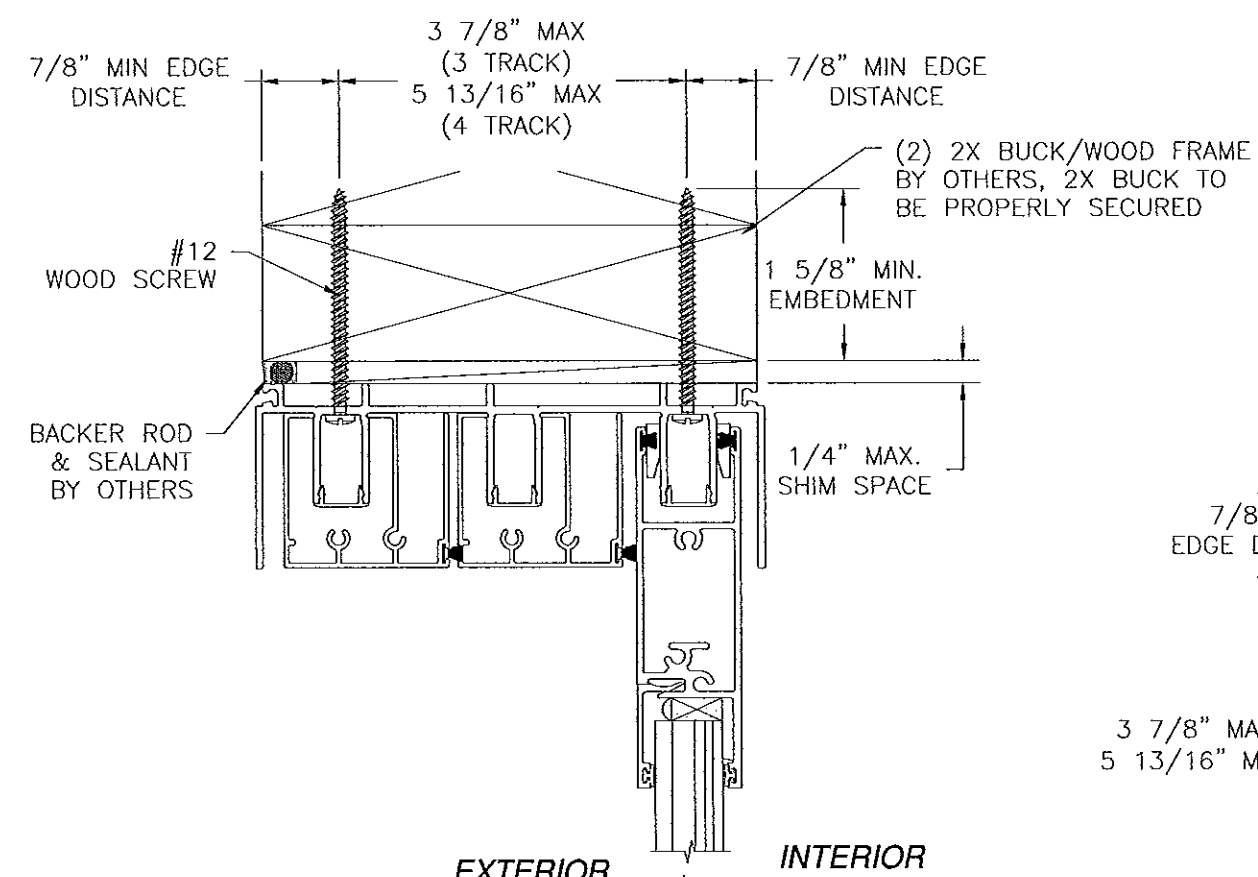
**2 TRACK FRAME JAMB**  
 1X BUCK TO MASONRY/CONCRETE INSTALLATION,  
 2 TRACK SHOWN 3 & 4 TRACK SIMILAR  
 SEE ANCHOR LAYOUT SHEET 3

NOTE:  
 INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT  
 SHOWN FOR CLARITY.

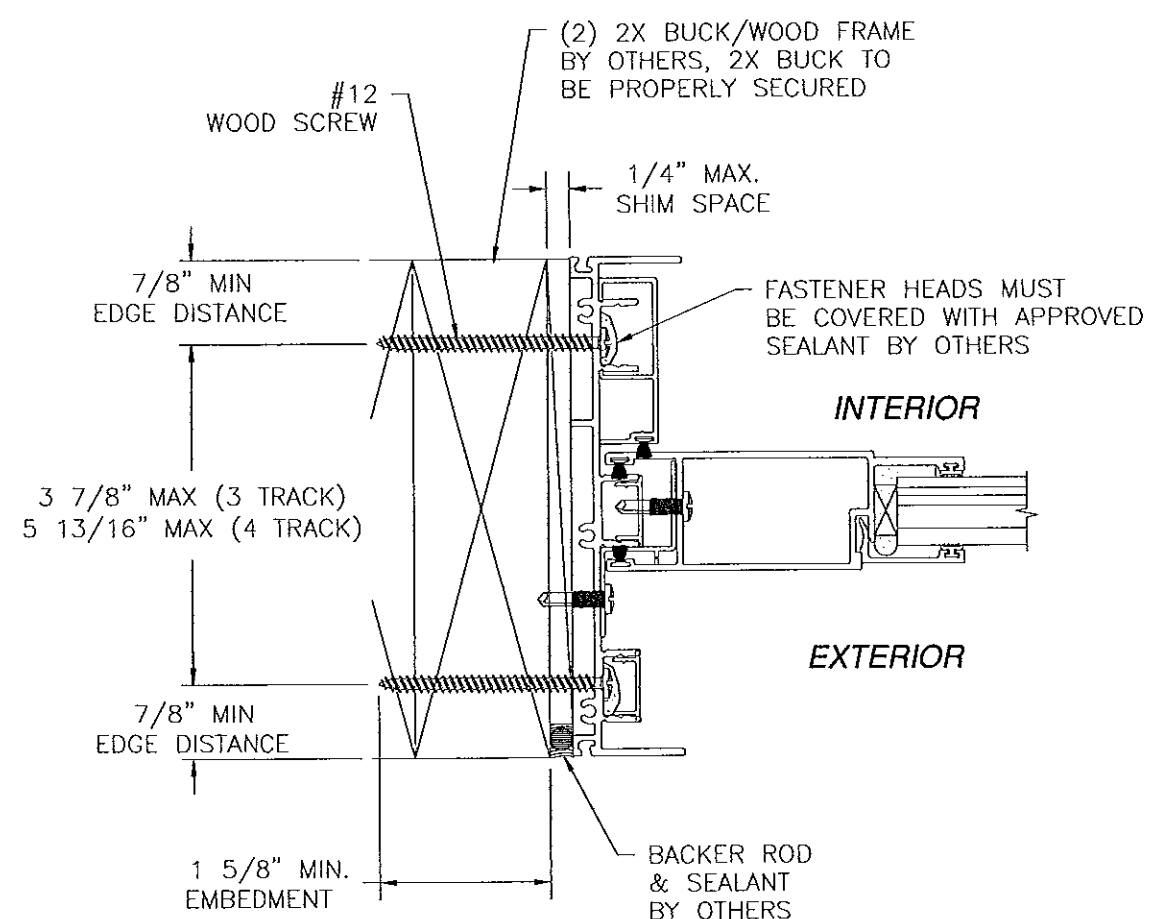
SIGNED: 04/17/2013

Approved as complying with the Florida Building Code Date <u>6/6/13</u> NOAH <u>12-0828.09</u> Miami Dade Product Control By <u>L. Chang</u>	<b>WinDoor</b> INCORPORATED		7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com	
	7000 HP SERIES LMI REINFORCED & NON-REINFORCED INSTALLATION DETAILS			
	DRAWN: A.P.	DWG NO. 08-01663	REV C	
	SCALE NTS	DATE 07/03/2012	SHEET 10 OF 14	

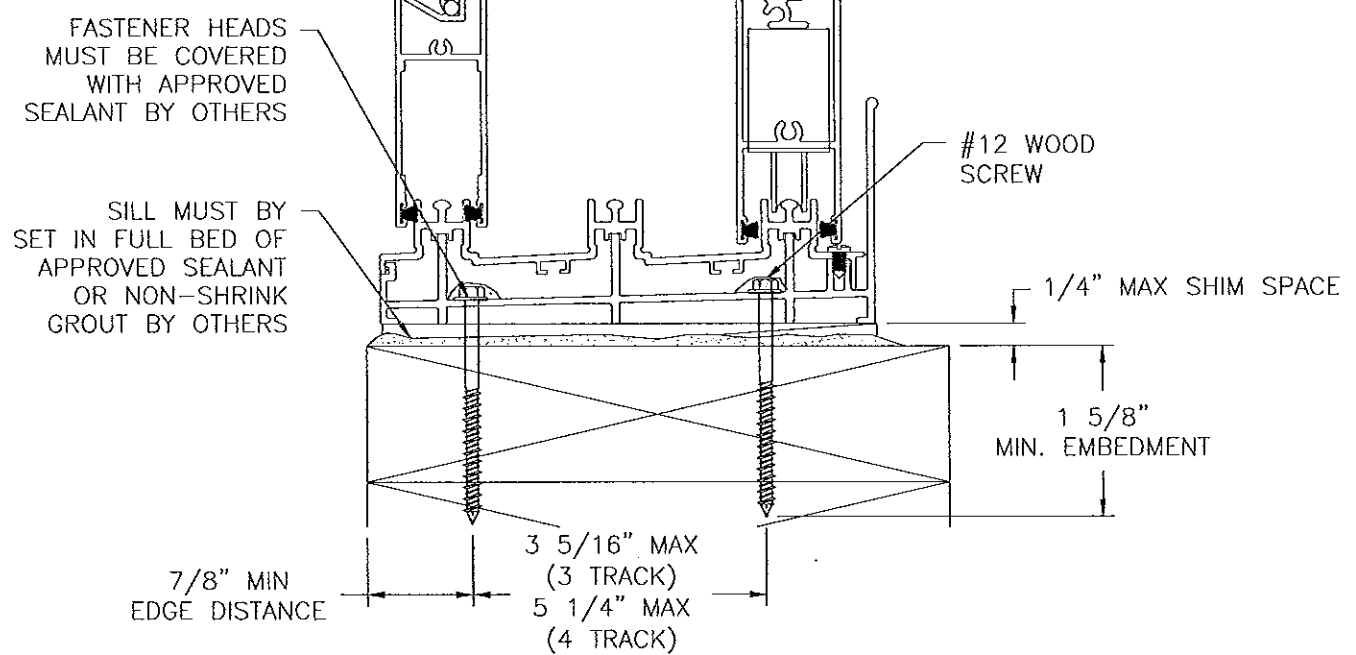
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	REVISED APPROVED CONFIGURATIONS	04/17/13	R.L.



**3 TRACK VERTICAL SECTION**  
 2X BUCK/WOOD FRAME INSTALLATION  
 3 TRACK SHOWN 2 & 4 TRACK SIMILAR  
 SEE ANCHOR LAYOUT SHEET 3



**3 TRACK FRAME JAMB**  
 2X BUCK/WOOD FRAME INSTALLATION  
 3 TRACK SHOWN 2 & 4 TRACK SIMILAR  
 SEE ANCHOR LAYOUT SHEET 3



**3 TRACK VERTICAL SECTION**  
 2X BUCK/WOOD FRAME INSTALLATION  
 3 TRACK SHOWN 2 & 4 TRACK SIMILAR  
 SEE ANCHOR LAYOUT SHEET 3

SIGNED: 04/17/2013

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 Florida Building Code  
 Date 6/6/13  
 NOAH 12-0820-09  
 Miami Dade Product Control  
 By [Signature]

**WinDoor**  
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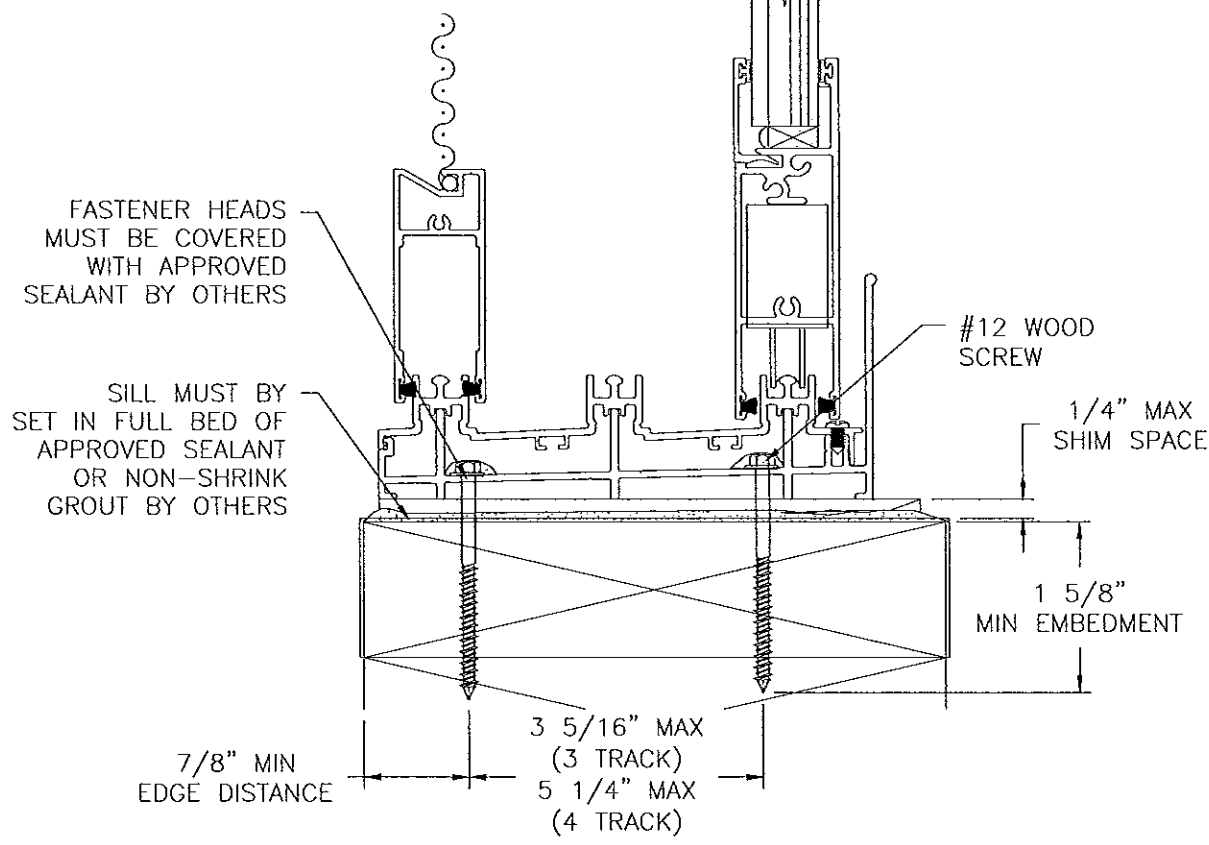
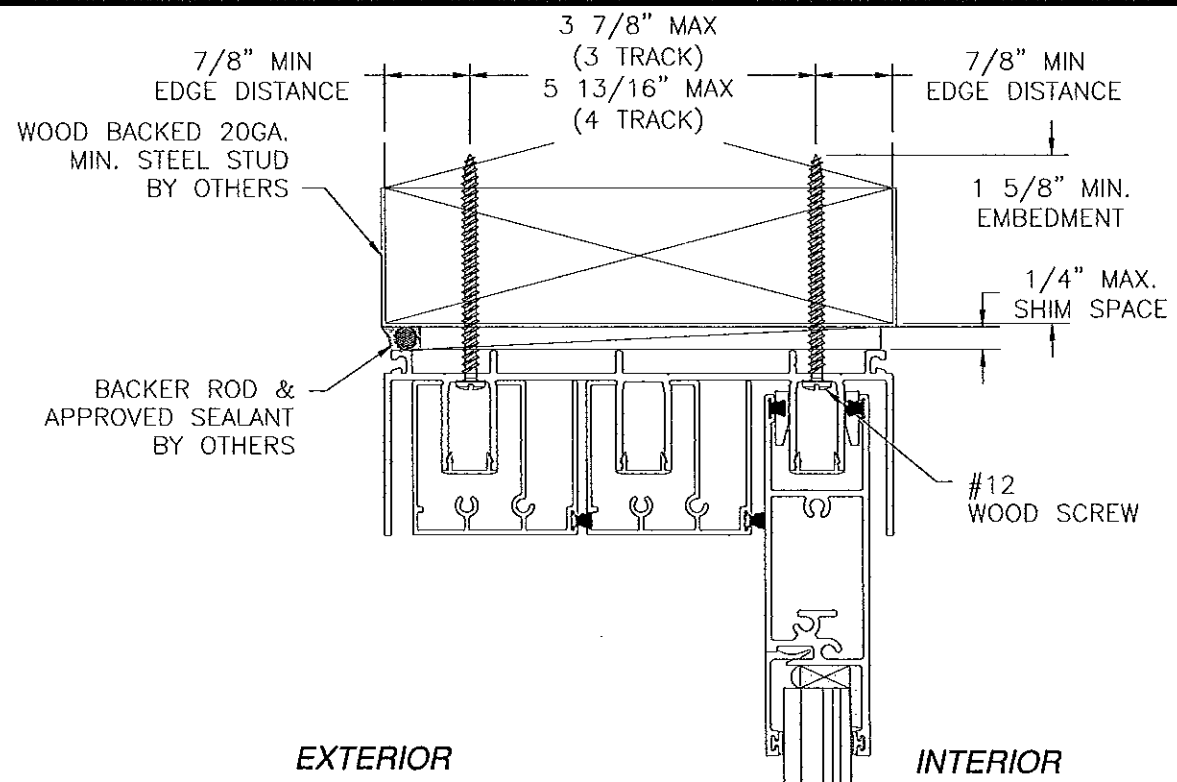
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 INSTALLATION DETAILS

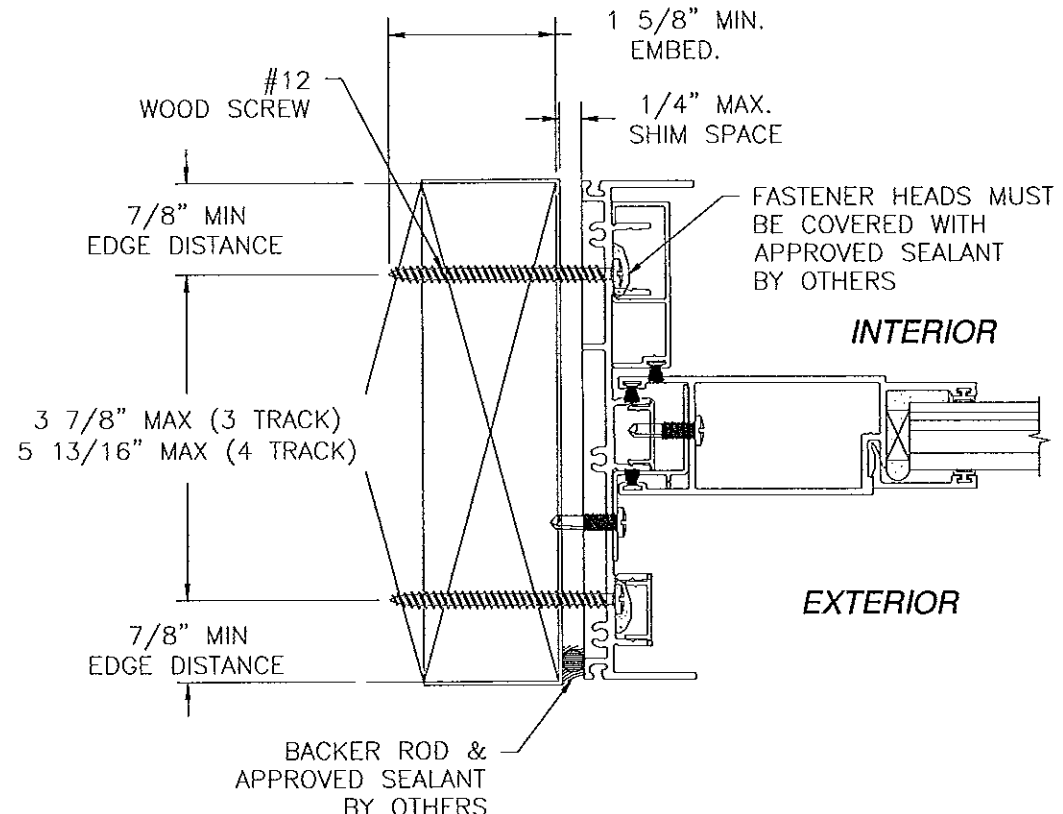
Professional Engineer  
 State of Florida  
 License No. 62514  
 Luis R. Lomas

DRAWN: A.P.		DWG NO. 08-01663		REV C
SCALE NTS	DATE 07/03/2012	SHEET 11 OF 14		

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	REVISED APPROVED CONFIGURATIONS	04/17/13	R.L.



**3 TRACK VERTICAL SECTION**  
WOOD BACKED 20GA. STEEL STUD INSTALLATION  
3 TRACK SHOWN 2 & 4 TRACK SIMILAR  
SEE ANCHOR LAYOUT SHEET 3



**3 TRACK FRAME JAMB**  
WOOD BACKED 20GA. STEEL STUD INSTALLATION  
3 TRACK SHOWN 2 & 4 TRACK SIMILAR  
SEE ANCHOR LAYOUT SHEET 3

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Date 6/6/13  
NOAH 12-0320-09  
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By Isaac J. Clark

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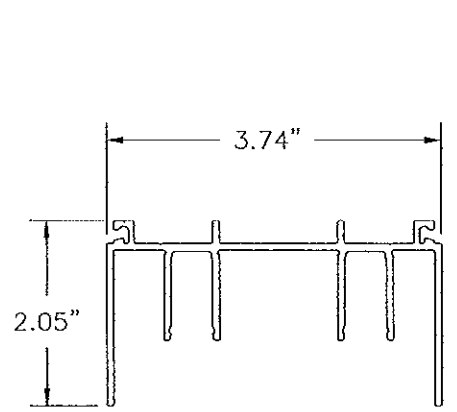
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& NON-REINFORCED  
INSTALLATION DETAILS

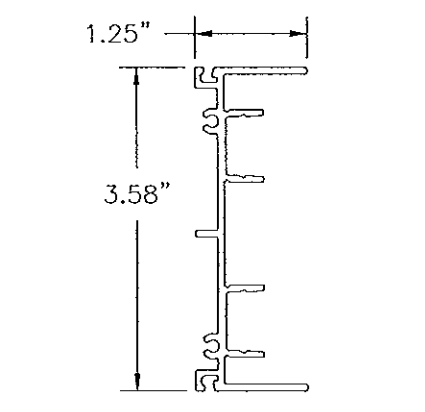
DRAWN: A.P.	DWG NO. 08-01663	REV C
SCALE NTS	DATE 07/03/2012	SHEET 12 OF 14

SIGNED: 04/17/2013

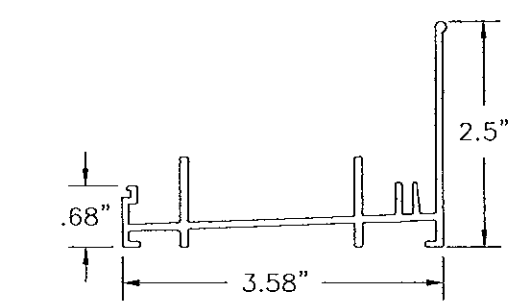
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REV	DESCRIPTION	DATE	APPROVED
C	REVISED APPROVED CONFIGURATIONS	04/17/13	R.L.



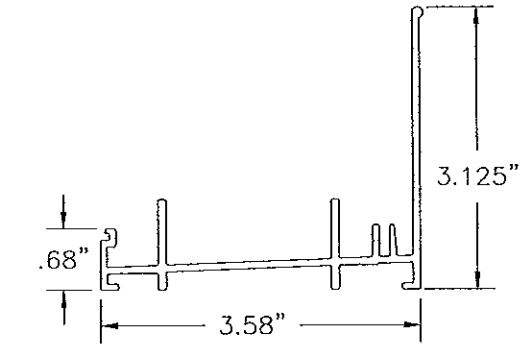
① **2T FRAME HEAD**  
6063-T6 ALUMINUM .095" THICK



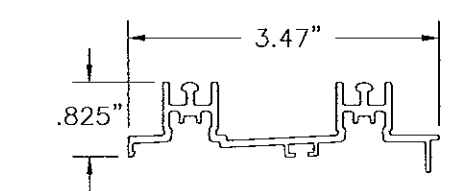
② **2T FRAME JAMB**  
6063-T6 ALUMINUM .095" THICK



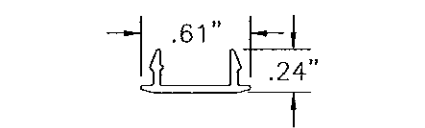
③ **2T SILL PAN 2 1/2" RISER**  
6063-T6 ALUMINUM .075" THICK



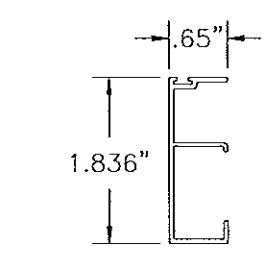
④ **2T SILL PAN 3 1/8" RISER**  
6063-T6 ALUMINUM .075" THICK



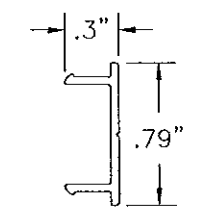
⑥ **2T SILL INSERT**  
6063-T6 ALUMINUM .075" THICK



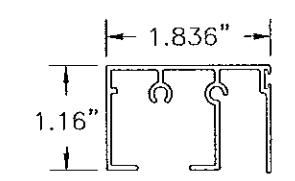
⑦ **TRACK COVER**  
6063-T6 ALUMINUM .045" THICK



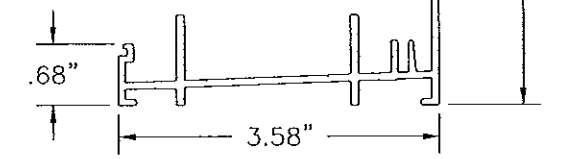
⑧ **RECESSED JAMB COVER**  
6063-T6 ALUMINUM .050" THICK



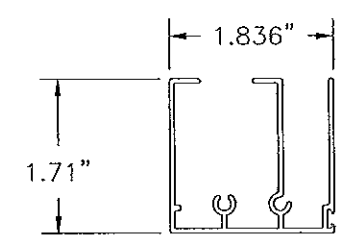
⑨ **JAMB COVER**  
6063-T6 ALUMINUM .045" THICK



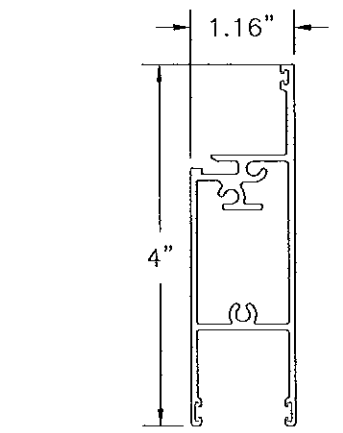
⑩ **PANEL STOP SILL COVER**  
6063-T6 ALUMINUM .050" THICK



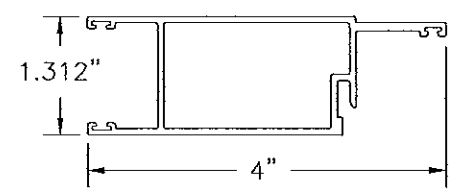
⑤ **2T SILL PAN 4 1/4" RISER**  
6063-T6 ALUMINUM .075" THICK



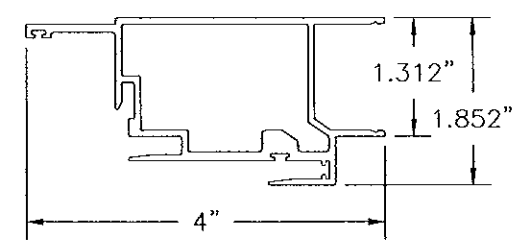
⑪ **PANEL STOP HEAD COVER**  
6063-T6 ALUMINUM .050" THICK



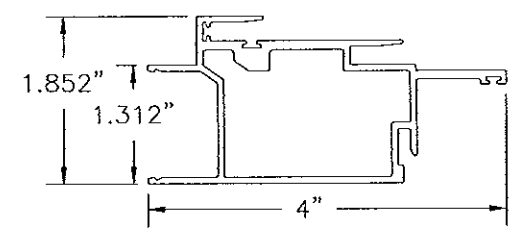
⑫ **TOP & BOTTOM RAIL**  
6063-T6 ALUMINUM .070" THICK



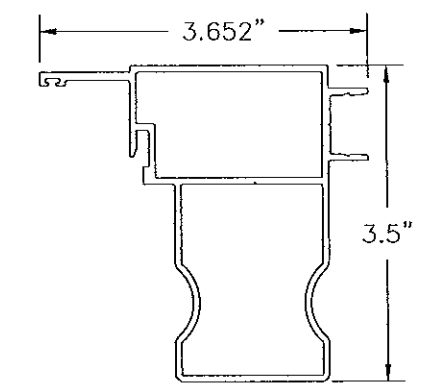
⑬ **LOCK/PLAIN STILE**  
6063-T6 ALUMINUM .070" THICK



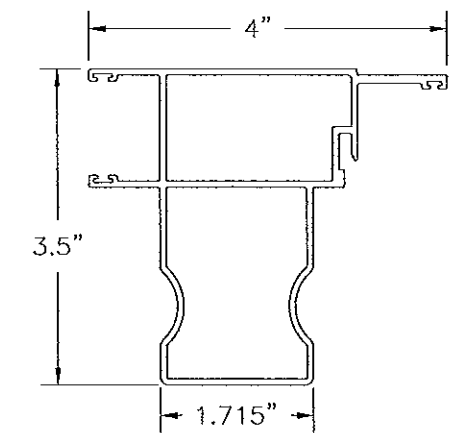
⑭ **INTERLOCK STILE LEFT**  
6063-T6 ALUMINUM .070" THICK



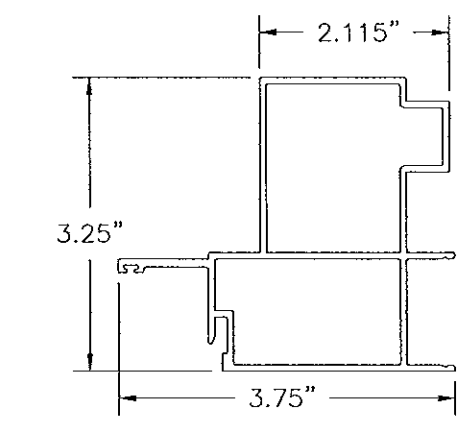
⑮ **INTERLOCK STILE RIGHT**  
6063-T6 ALUMINUM .070" THICK



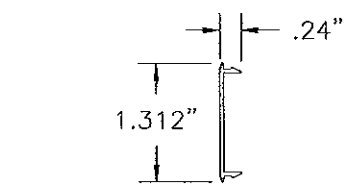
⑯ **MALE BUTT STILE**  
6063-T6 ALUMINUM .070" THICK SIGNED: 04/17/2013



⑰ **LOCKING BUTT STILE**  
6063-T6 ALUMINUM .070" THICK



⑱ **INTERIOR FIXED BUTT STILE**  
6063-T6 ALUMINUM .070" THICK



⑲ **INTERLOCK COVER**  
6063-T6 ALUMINUM .040" THICK

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Date 6/6/13  
NOAH 12-090-009  
Miami Trade Product Control  
By Isaac I. Chan

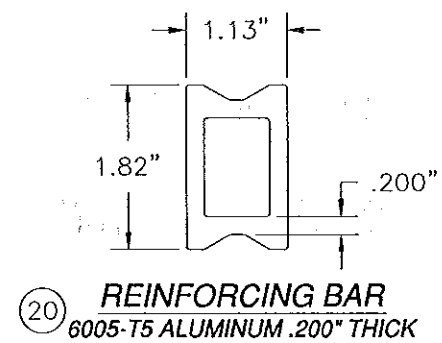
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COMPONENTS

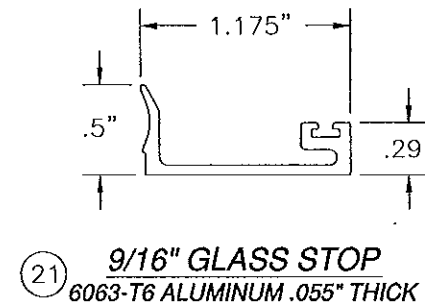
7500 AMSTERDAM DRIVE  
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Fax: 407.481.0505  
www.windoorinc.com

DRAWN: A.P.	DWG NO. 08-01663	REV C
SCALE NTS	DATE 07/03/2012	SHEET 13 OF 14

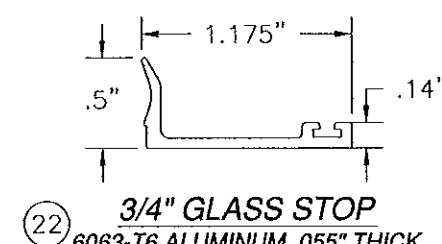
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	REVISED APPROVED CONFIGURATIONS	04/17/13	R.L.



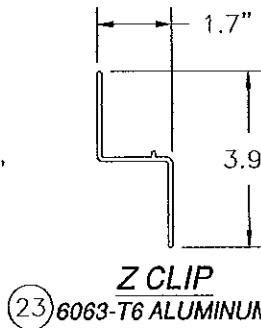
20 REINFORCING BAR  
6005-T5 ALUMINUM .200\" THICK



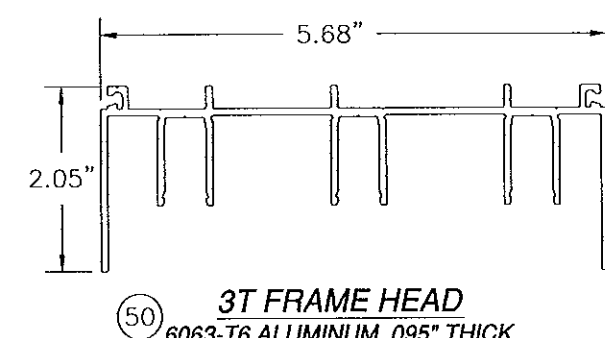
21 9/16\" GLASS STOP  
6063-T6 ALUMINUM .055\" THICK



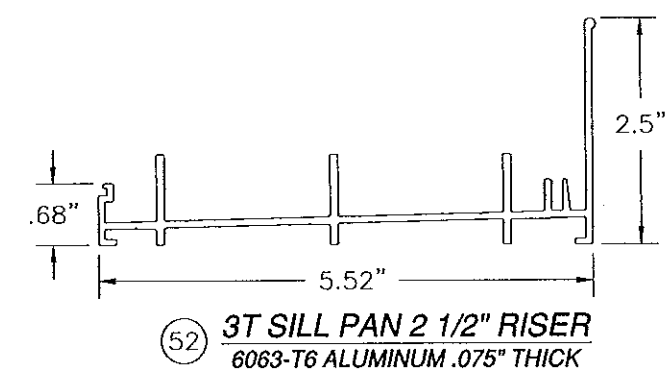
22 3/4\" GLASS STOP  
6063-T6 ALUMINUM .055\" THICK



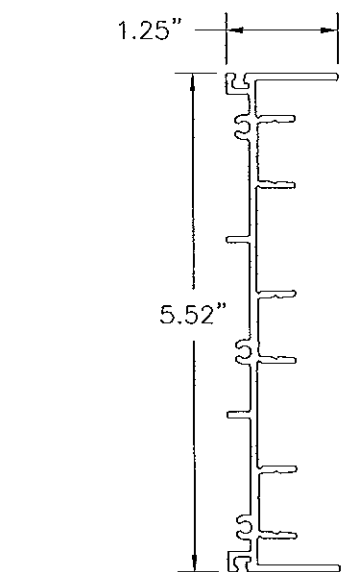
23 Z CLIP  
6063-T6 ALUMINUM .050\" THICK



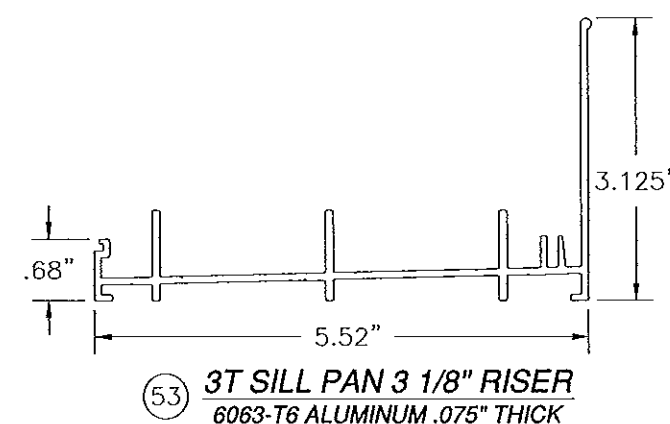
50 3T FRAME HEAD  
6063-T6 ALUMINUM .095\" THICK



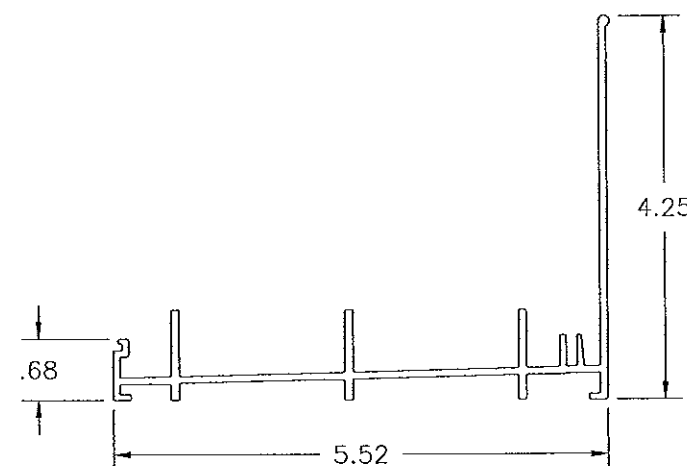
52 3T SILL PAN 2 1/2\" RISER  
6063-T6 ALUMINUM .075\" THICK



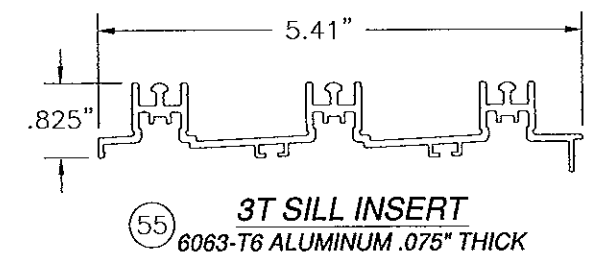
51 3T FRAME JAMB  
6063-T6 ALUMINUM .095\" THICK



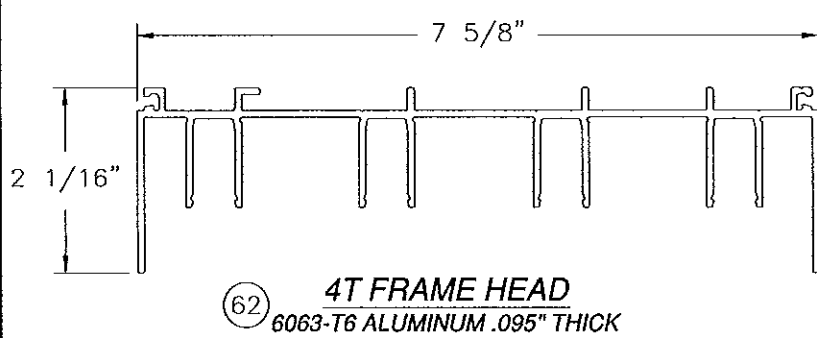
53 3T SILL PAN 3 1/8\" RISER  
6063-T6 ALUMINUM .075\" THICK



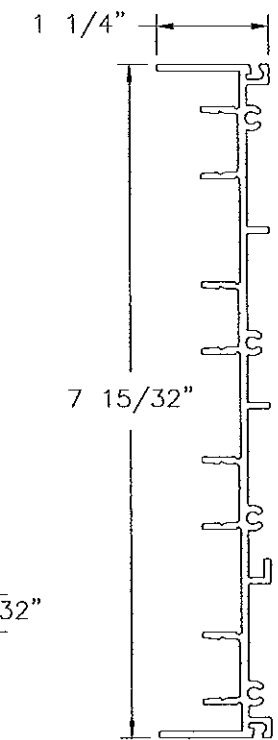
54 3T SILL PAN 4 1/4\" RISER  
6063-T6 ALUMINUM .075\" THICK



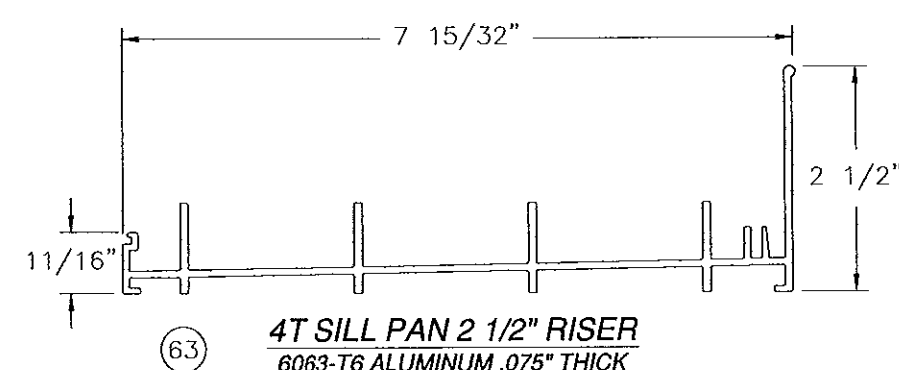
55 3T SILL INSERT  
6063-T6 ALUMINUM .075\" THICK



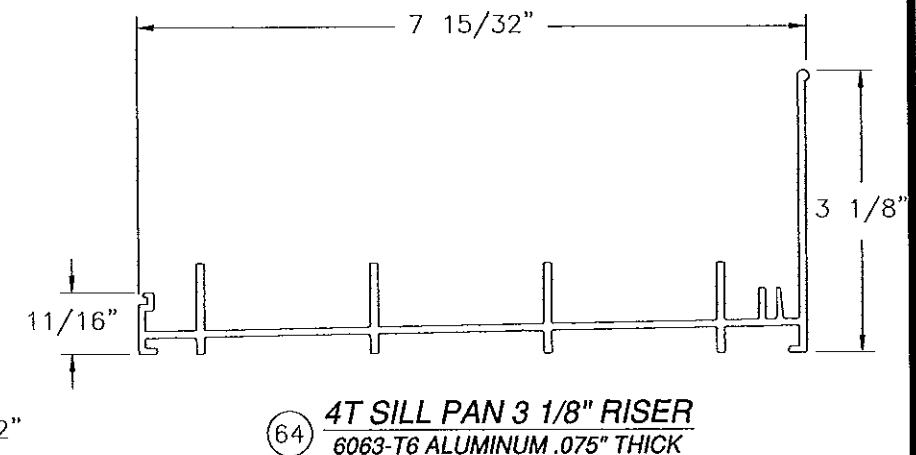
62 4T FRAME HEAD  
6063-T6 ALUMINUM .095\" THICK



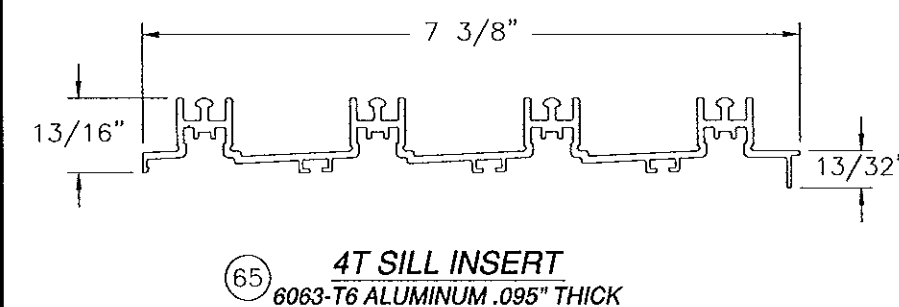
66 4T FRAME JAMB  
6063-T6 ALUMINUM .095\" THICK



63 4T SILL PAN 2 1/2\" RISER  
6063-T6 ALUMINUM .075\" THICK



64 4T SILL PAN 3 1/8\" RISER  
6063-T6 ALUMINUM .075\" THICK



65 4T SILL INSERT  
6063-T6 ALUMINUM .095\" THICK

SIGNED: 04/17/2013

Approved as complying with the  
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Date JUNE 06, 2013  
NOA# 12-0820.00  
Miami Dade Product Control  
By [Signature]

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& NON-REINFORCED  
COMPONENTS

DRAWN: A.P.	DWG NO. 08-01663	REV C
SCALE NTS	DATE 07/03/2012	SHEET 14 OF 14

